

What is Claimed is:

1. A communications interface device for providing telecommunications service to a plain old telephone system (POTS) network, the communications interface device comprising:

- 5 a receptical operatively connected to the communications interface device;
a cable, the cable comprising a first end and a second end and a signal conducting wire therebetween, the cable connected at the first end to the receptical;
a wireless telecommunication device comprising an antenna for transmitting and receiving wireless communication signals and a receptical connected to the second
10 end of the cable and providing telecommunications signal to the communications interface device for distribution to the network;
a data port for sending and receiving data through the portal, the data port operatively connected to the communications interface device and the network; and
a tone port for sending and receiving tone through the portal, the data port operatively
15 connected to the communications interface device and the network;
whereby a power supply provides power to the communications interface device in order to deliver telephone communications voltage to the network.

2. The device as claimed in claim 1 further comprising:

- 20 one or more indicators for providing indication of signals comprising data, voice and power.

3. The device as claimed in claim 1 whereby the power supply further provides power for charging the wireless communications device.

25 4. A communications interface system for use with a wireless telecommunication system and a premises' wired plain old telephone system (POTS) network, the communications interface system comprising:

- a wireless telecommunications device for use as a portable central office (PCO); and

a portal operatively connected to the wireless communications device, the portal for use as a personal exchange (PEX);

whereby communications received by the wireless communications device is transmitted through the portal to peripheral devices connected to the premises' wired plain old telephone system (POTS).

5. The communications interface system of claim 4 further comprising a power supply for supplying power for telecommunications signal to the premises' plain old telephone system (POTS).

6. The communications interface device of claim 5 whereby the power supply further provides power for charging the wireless communications device.